

(1) Number of pages 8

(2) Date of repair 2 / 1 / 68

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works

DEPARTMENT.

G.O. No. <u>3805</u>	Press Mis.
<u>354-355</u>	
Dated <u>19 - 12 - 1865.</u>	

Not to be folded or roughly handled

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Proceedings of the Madras Government, Public Works Department,
19th December 1865.

No. 354. Read the following :—
No. 592.

Application from the Agent and Manager of the Madras Railway Company,
requesting the sanction of Government to the following estimate :—

NORTH WEST LINE.			
District 10, Section I.			
	RS.	A.	P.
Masonry in bridges and culverts	78,461	9	7
Metalling of roads	2,500	0	0
Earthwork in road approaches at stations, and in cuttings and embankments	60,518	12	4
Pitching slopes	10,311	0	0
Fencing	40,040	0	0
Ballasting	23,704	8	0
Permanent Way	76,034	0	0
Miscellaneous, bungalows, gates, &c.	6,689	8	0
Maintenance of way and works	34,125	0	0
Contingencies	33,338	10	1

Total... 3,66,723 0 0

Three lacs sixty-six thousand seven hundred and twenty-three.

1. The first section of the 10th District of the North West Line commences at miles 191-4-10, from the Arconum Junction Station, and terminates at miles 202-34-10. The length of the section is miles 11, chains 30.

2. There are thirteen planes, eight ascending, and five level. The total rise between the two ends of the section is 176-66, or an average rise of 15-5 feet per mile. The steepest gradient is about the centre of the section, viz., 1 in 183-33 for a distance of a little more than half a mile.

3. There is one large bridge at 4 miles 37 chains, of six 30 feet openings. The girders to be used will be of the same description as those received from England for other similar works. The cost of the bridge will be Rupees 20,092.

4. The estimate provides for 2,94,100 cubic yards of earth-work, at 25,854 cubic yards per mile : for 7,736 cubic yards of masonry, at 680 cubic yards per mile. The average cost per mile, for all the works up to formation level, including the laying of rails, is Rupees 32,239 per mile.

5. The rates allowed in the estimate are the same as those entered in the estimates for the nine Districts of the North West Line, which received the sanction of Government in Order of the 30th ultimo, No. 3,260.

6. The estimates for the Station buildings at Royacheroo, at 8 miles 70 chains of the section, have not yet been sent in by the Railway authorities.

7. The Superintending Engineer of the 3rd Division has been addressed regarding the water-way, but he has not yet favored me with an answer. Pending its receipt, I would recommend that the estimate now submitted be sanctioned by Government.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS,
30th November 1865.

33- for a distance of a little more than
half

*Proceedings of the Madras Government, Public Works Department,
19th December 1865.*

No. 355. ORDER THEREON, 19th December 1865, No. 3,805.

RAILWAY, No. 35.

1. The Governor in Council sanctions the estimates, amounting to Rupees 3,66,723, which are submitted by the Consulting Engineer for District No. 9, Section I. of the North West Line of the Madras Railway.

2. The plans of the bridges, which are provided for in these estimates, will be subject to any modification that may be found to be necessary on the receipt of the report which is stated to have been called for from the Superintending Engineer of the 3rd Division, regarding the sufficiency of the proposed water-way.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways, with four Enclosures.

Exd. S. T. Augustin.

No. 592. Madras, 30th November 1865

Application from the Agent and Manager of the Madras Railway Company, requesting the sanction of Government to the following Estimate.

*North West Line
District 10 Section I.*

Masonry in Bridges and Culverts	Rs. 48,461-9-4
Metalling of Road	2,500-0-0
Earthwork in Road approaches at Stations, and in Cuttings and Embankments	60,518-12-4
Pitching Slopes	10,311-0-0
Fencing	4,004-0-0
Ballasting	23,704-8-0
Permanent way	7,603-4-0
Miscellaneous - 1 Bungalow, Gates &c.	6,689-8-0
Maintenance of way & works	3,412-5-0
Contingencies	3,338-10-1

Rupees 3,66,723-0-0

Three Lacs, Sixty Six thousand, Seven hundred and twenty three.

1. The first Section of the 10th District of the North West Line, Commences at miles 191-4-10, from the Arcot Junction Station, and terminates at miles 202-34-10. The length of the Section is miles 11, Chains 30.

2. There are thirteen planes - 8 ascending and 5 level. The total rise between the two ends of the Section is 176.66, or an average of 15.5 feet per mile. The steepest gradient is about the Centre of the Section, 1 in 183.33 - for a distance of a little more than half

half a mile.

3. There is one large Bridge at 4 miles 37 chains, of six 30 feet openings. The girders to be used will be of the same description as those received from England for other similar works. The cost of the Bridge will be 1 Rupee 20092.

4. The Estimate provides for 2,94,100 Cubic yards of Earthwork, at 25854 Cubic yards per mile. For 7736 Cubic yards of Masonry, at 680 Cubic yards per mile. The average cost per mile, for all the works up to formation level, including the laying of rails, is 1 Rupee 32,239 p. mile.

5. The rates allowed in the Estimate are the same as those entered in the Estimates for the 9th District of the North West Line, which received the sanction of Government in Order of the 30th ultimo No 3260.

6. The Estimates for the Station Buildings at Palcheroo, at 8 miles 40 chains of the Section, have not yet been sent in by the Railway Authorities.

7. The Superintending Engineer of the 3rd Division has been addressed regarding the water supply, but he has not yet favoured me with an answer. Pending its receipt, I would recommend that the Estimate now submitted be sanctioned by Government.

J. Bradshaw
Consulting Engineer for G.P.

To The Secretary to Government P.W.D.
Fort Saint George

107 Mr Secretary to Govt
Public Lands Dept

Dated 1st Decr/85-
Recd:- 2.

Ms. 592.

Application from
the Agent and Manager
of the Madras Railway
Company, requesting the
sanction of Govt. to the
Estimate of Rs. 3,66,723.

400

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Public Works Department
No 3805
Proceedings of the Madras Government
Under date the ^{19th} December 1865
Read the following

From the Consulting Engineer
for Railways

Application from the
Agent and Manager of the
Madras Railway Company, re. (Here enter 1st December 1865
No 592)
requesting the sanction of Gov-
ernment to the estimate of
Rs 3,66,723.

The Governor in Council sanctions
the estimates amounting to Rs 3,66,723 ^{which are} submitted by the Consulting
Engineer for District No. 15 Section I.
of the North West Line of the Madras
Railway.

The plans of the bridges which are provided for in these estimates will be subject to any modification that may be found to be necessary on the receipt of the report which is stated to have been called for from the Supt Engineer of the E Division regarding the sufficiency of the proposed waterway.

3 To the Consulting Engineer.
for Railways with Enclos.
— Dec. 20th December

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per 118682 Deane
Proc. of Gov. & Genl.

No. 3800 1/1
Proc. of the N. York
of 19 Dec 1865

works in the history of
the N. York of the N. York
The estimate amounting to \$1,000,000
3,66723 for the construction of
the railroad with certain
specifications.

No. 3804. 803